



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Thursday September 2, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Isolated heavy rain/flash flood potential**
 - **Today: NM/Far W TX and SE TX/LA.**
 - **Tomorrow: NM/Far W TX and N OK.**
 - **Sunday: NM and OK/N AR.**
- **Heat advisories today for portions of LA, OK, TX, SW AR.**
- **Minor to isolated moderate/major river flooding is occurring or forecast across portions of SE LA.**

FEMA Region 6 Threat Matrix

Sep 2, 2021 - Sep 6, 2021



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DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms					
Heavy Rain / Flash Flooding	NM, Far WTX SE TX, LA	NM, Far WTX N OK	NM OK, N AR		
Fire Weather					
Tropical Winds / Surge					
Heat	LA, OK, TX, SW AR				
River Flooding	SE LA	SE LA	SE LA	SE LA	SE LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



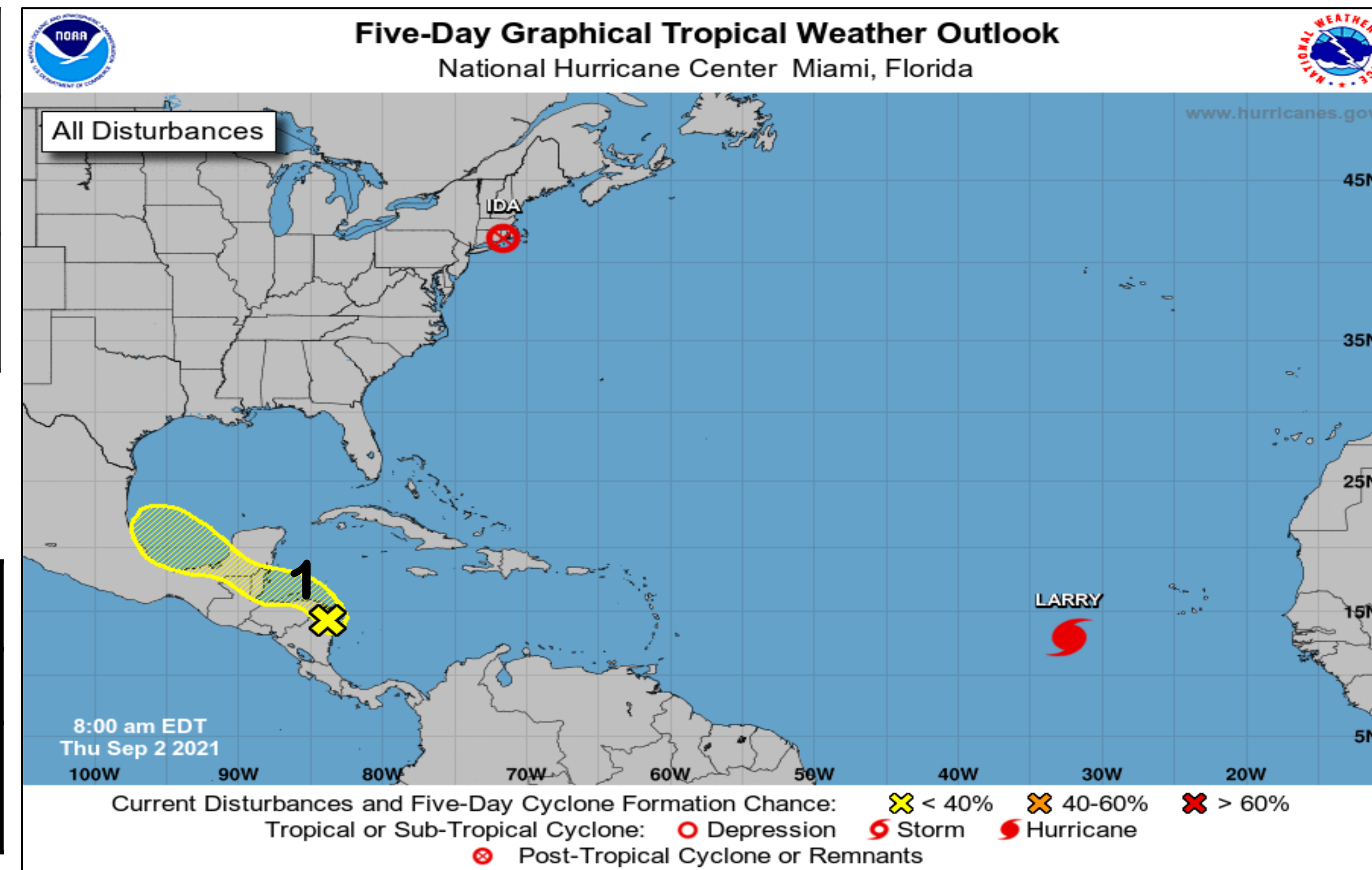
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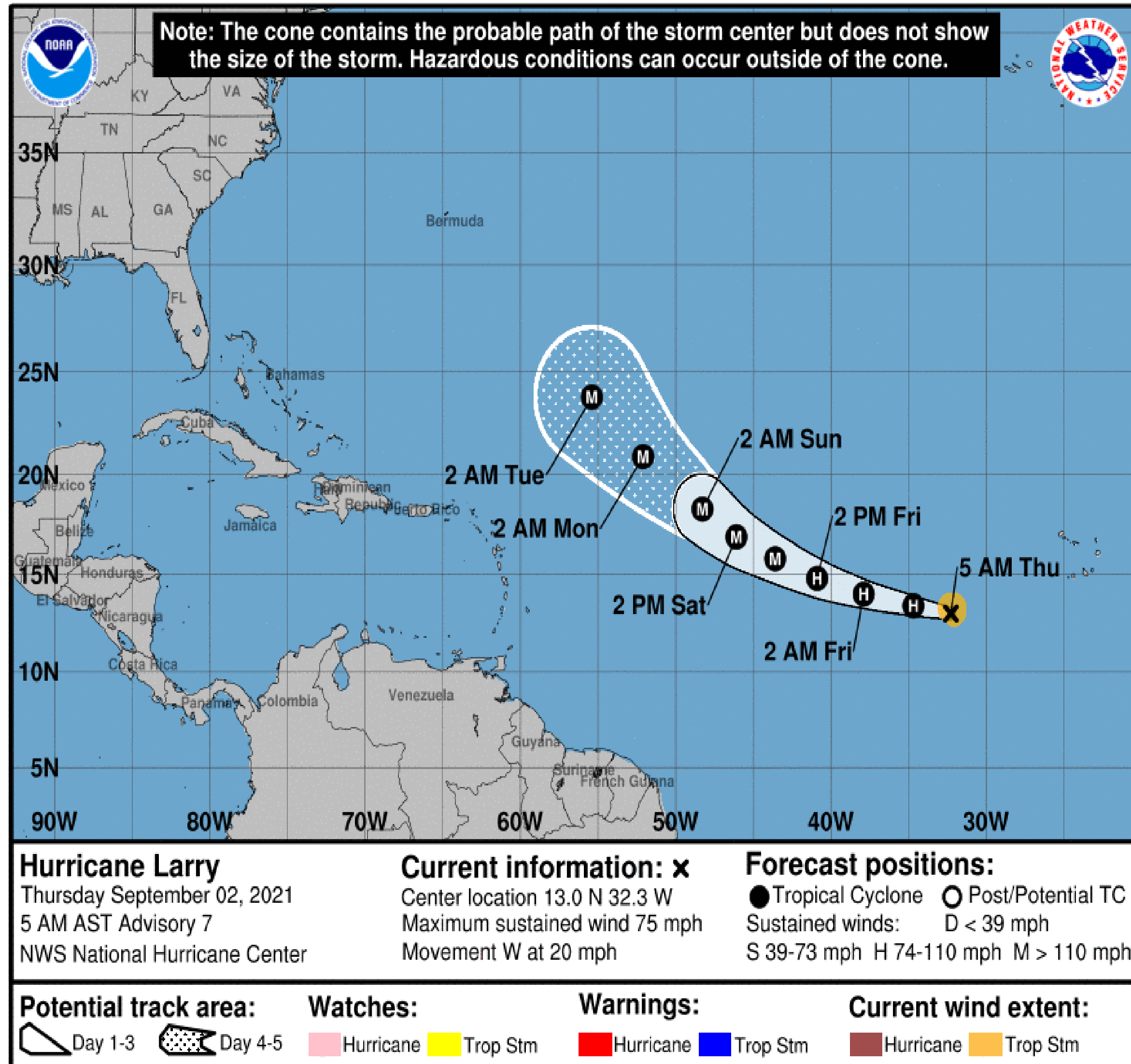
Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	No significant impacts expected at this time.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Larry	None.





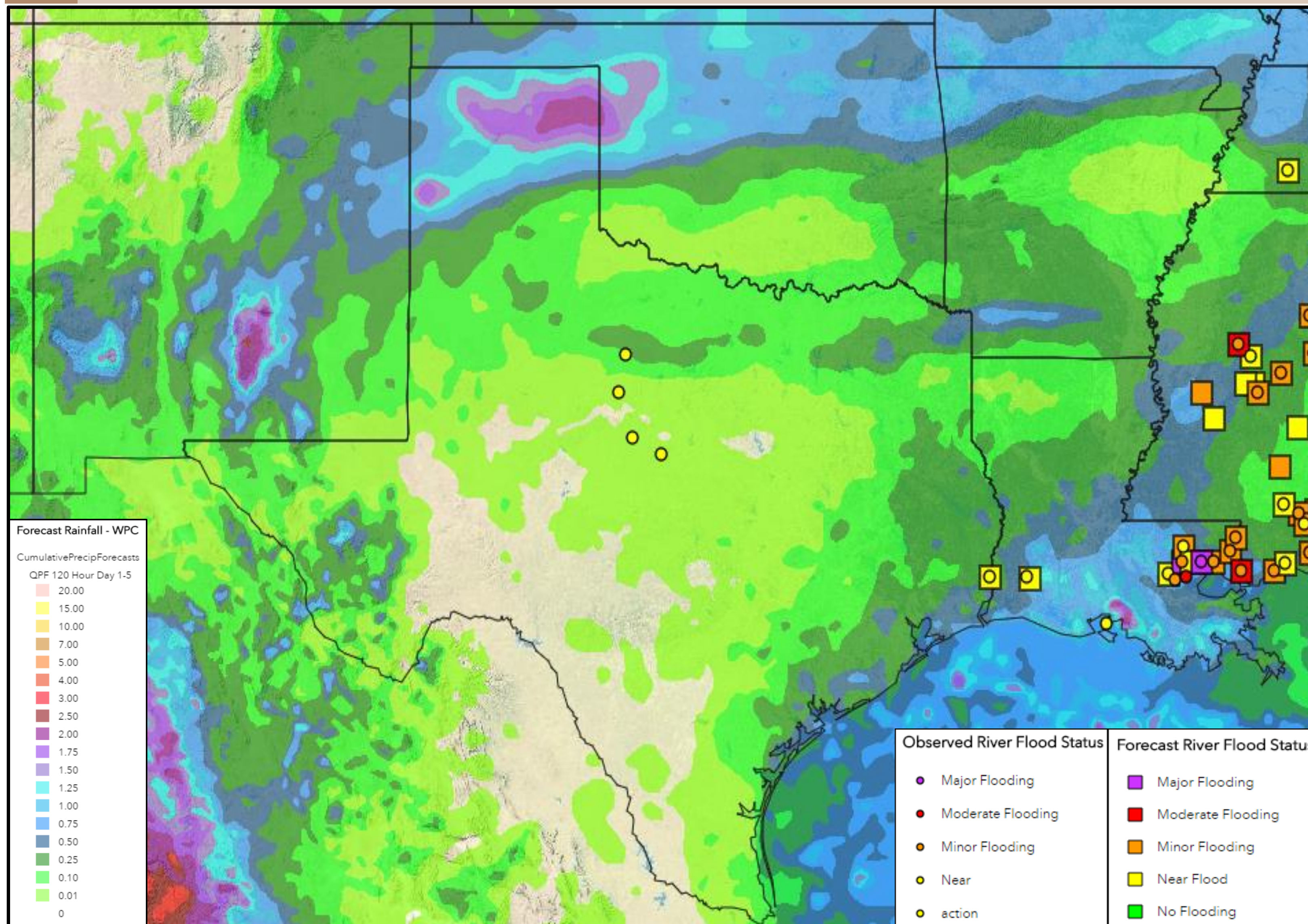
No impacts are expected to FEMA 6 from Larry.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

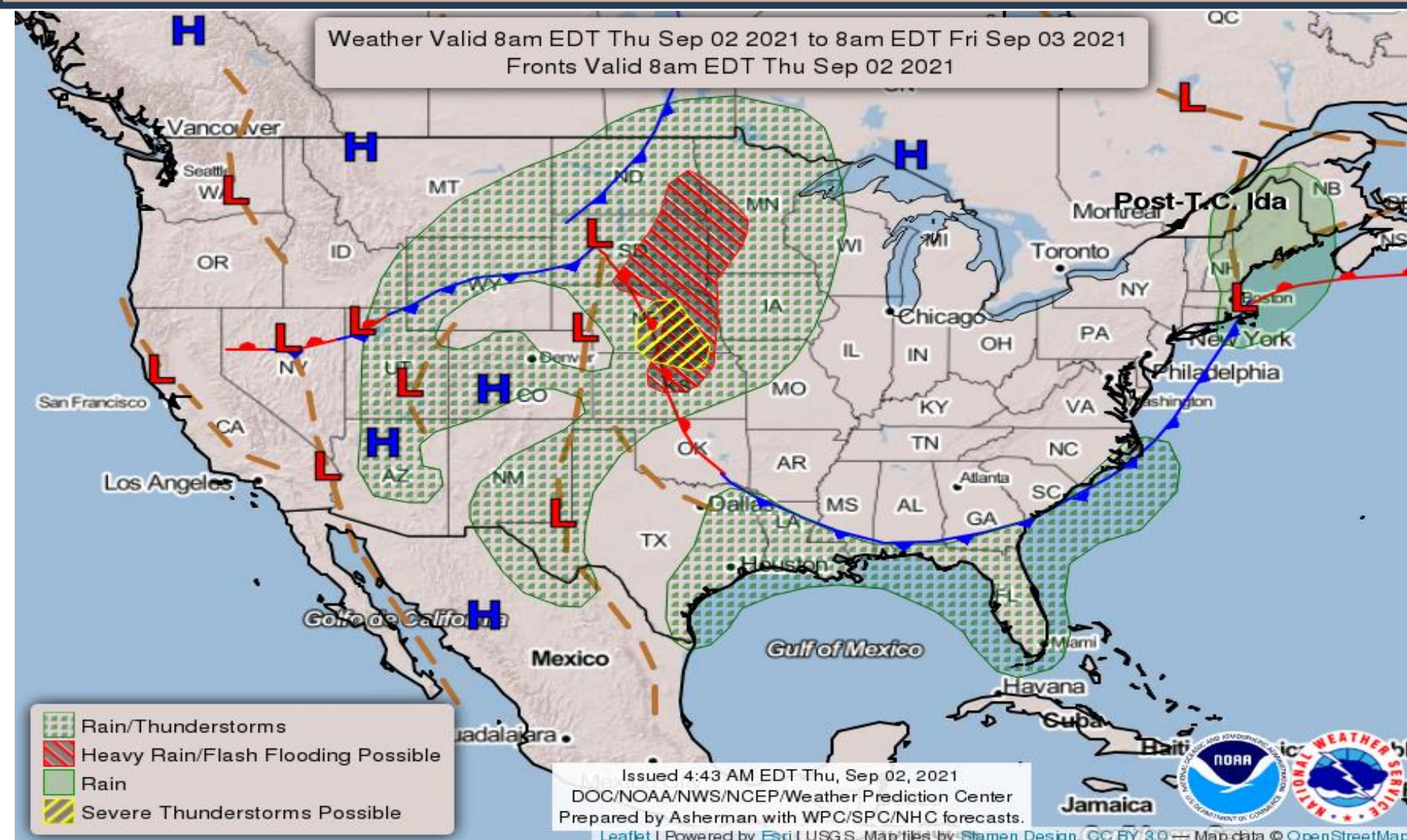


Minor to isolated moderate/major flooding occurring or forecast in SE LA for portions of the following rivers: Tickfaw, Tangipahoa, Tchefuncte, Pearl.

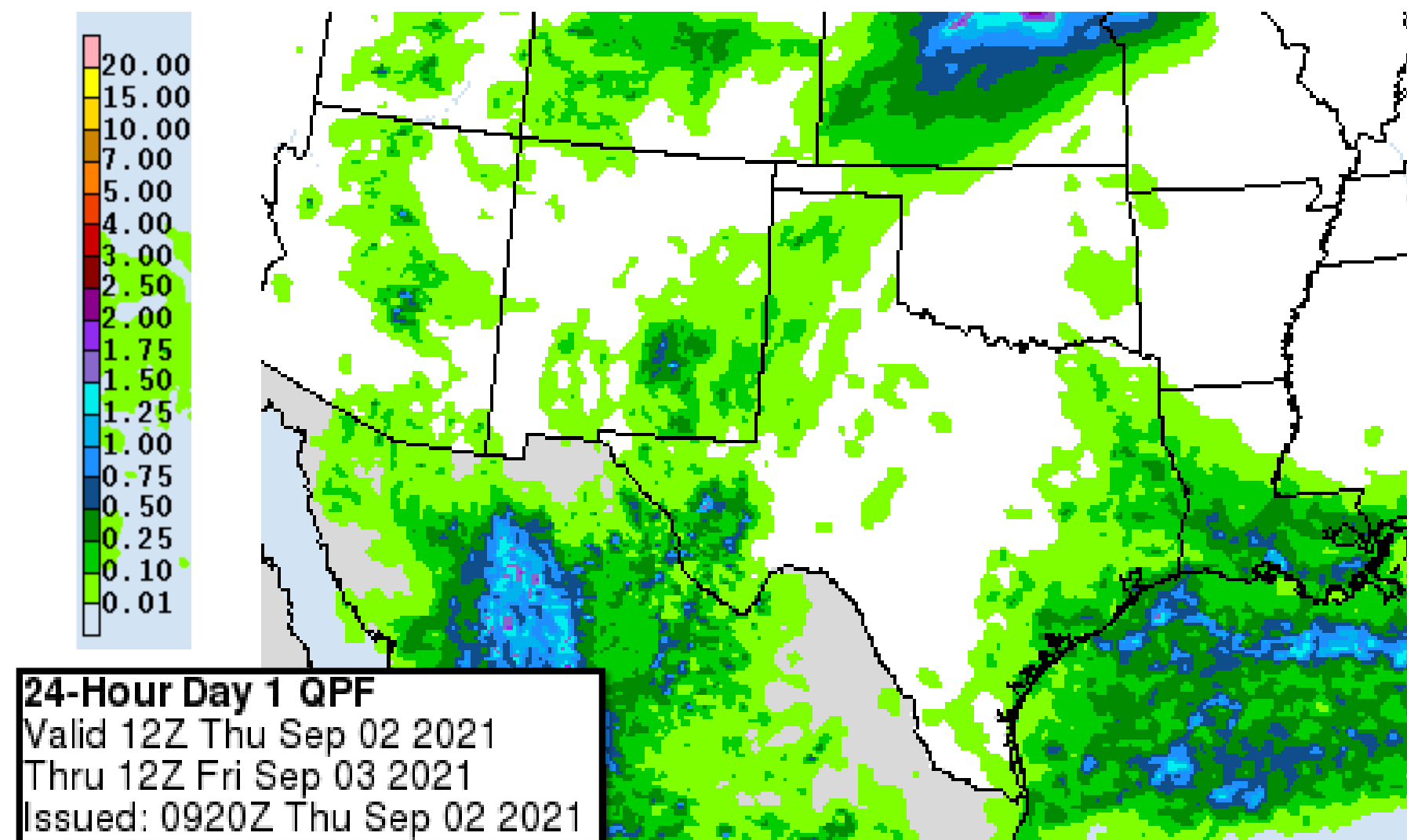
- **Tangipahoa River at Robert is in major flood and has crested and forecast to be in moderate flood by Friday morning. Water in homes and several highways under water.**
- **Tickfaw River at Holden is in moderate and rising, forecast to crest in major flood tonight. Property in low areas along the river from Interstate 12 north to Parish Road 1036 will flood.**
- **Pearl River near Pearl River is in minor flood and rising, forecast to crest at/near moderate flood this weekend. Property in the vicinity of the gage is flooded threatening about 20 homes along the left bank.**

Today's Weather

Forecast Chart



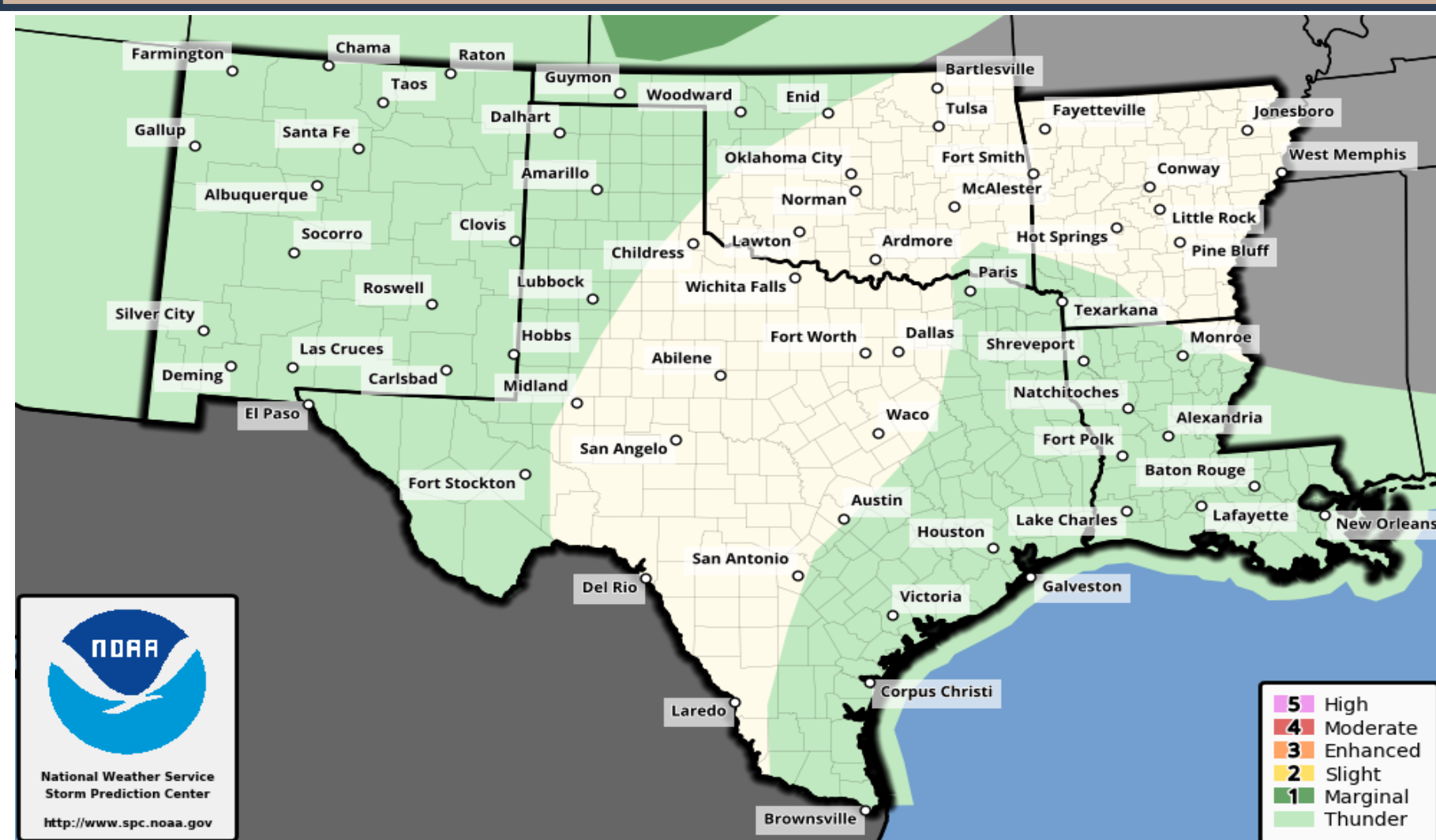
Forecast Rainfall



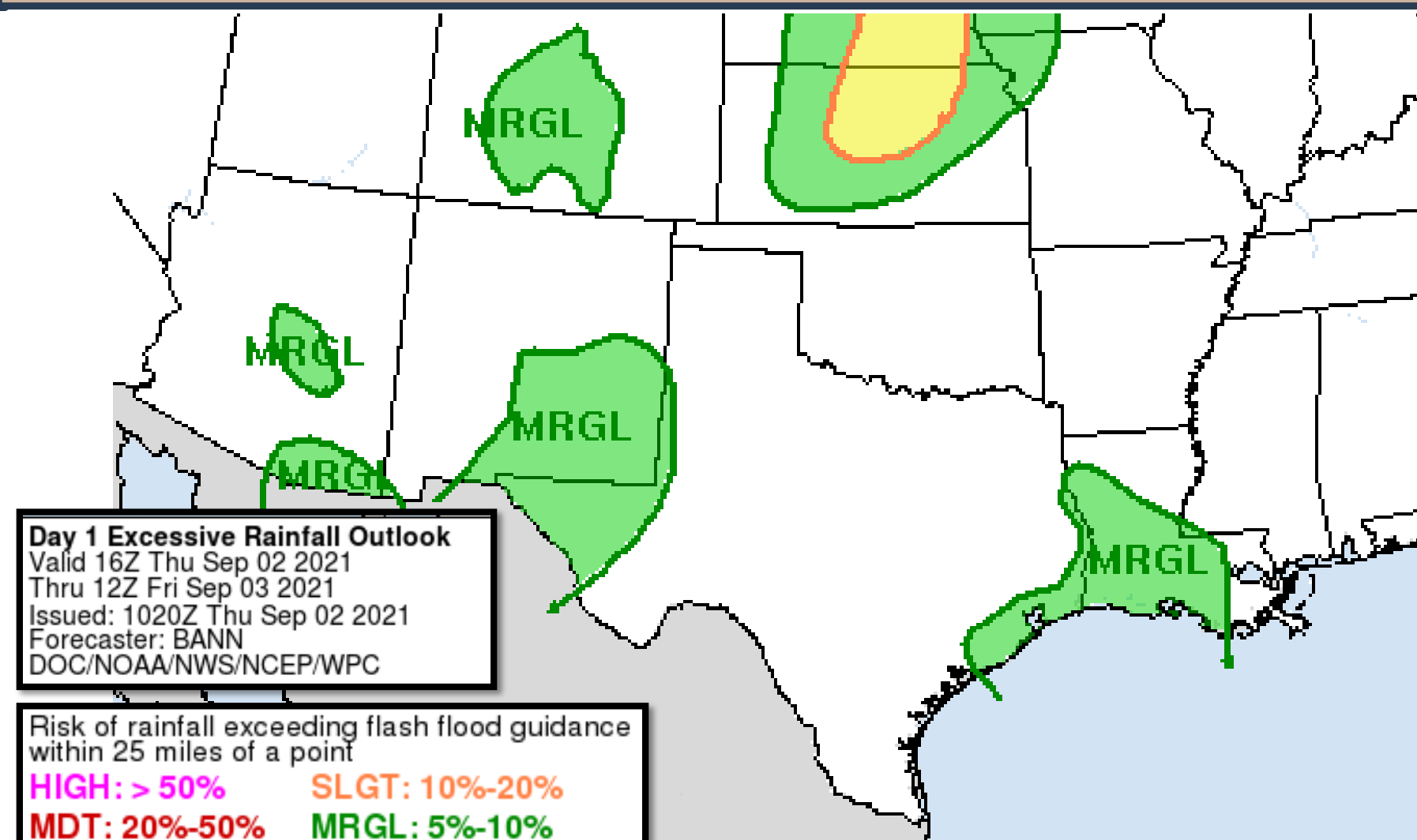
Heat advisories in effect on for portions of LA, OK, TX, SW AR. This could impact recovery efforts in SE LA.

Isolated heavy rainfall and flash flood potential for portions of NM into Far W TX and for SE TX into LA.

Severe Weather Outlook



Excessive Rainfall Outlook

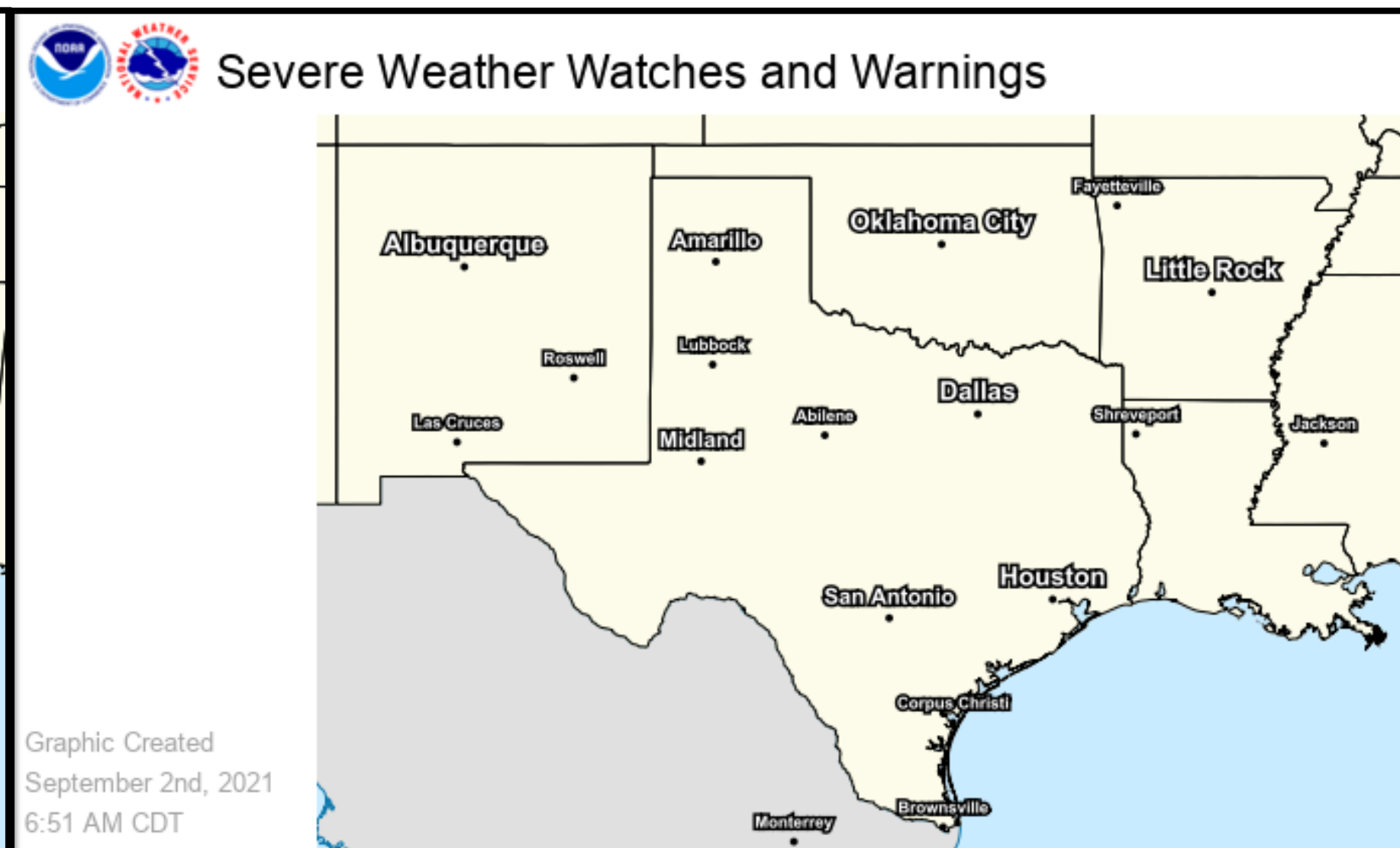
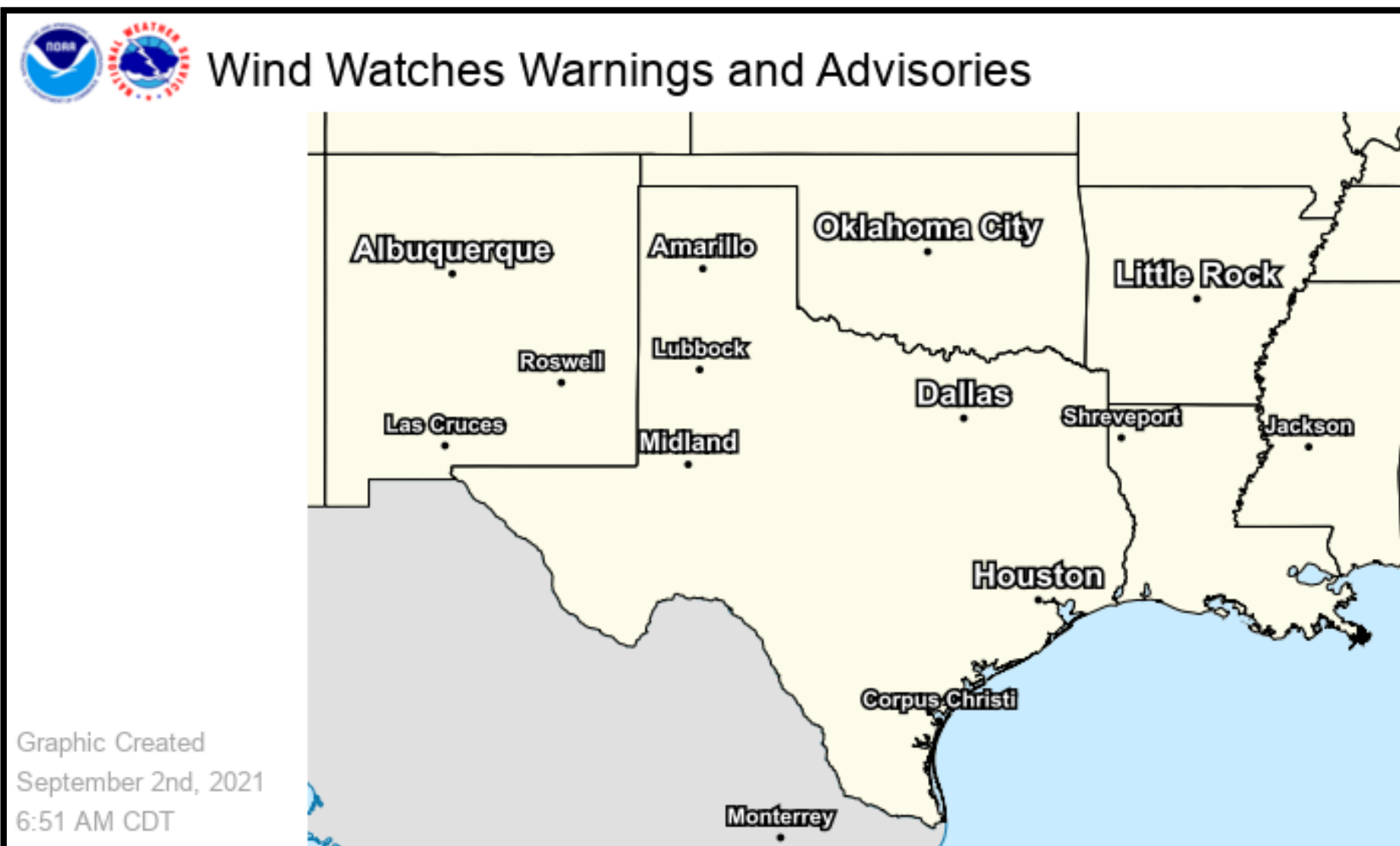


Watches, Warnings, and Advisories

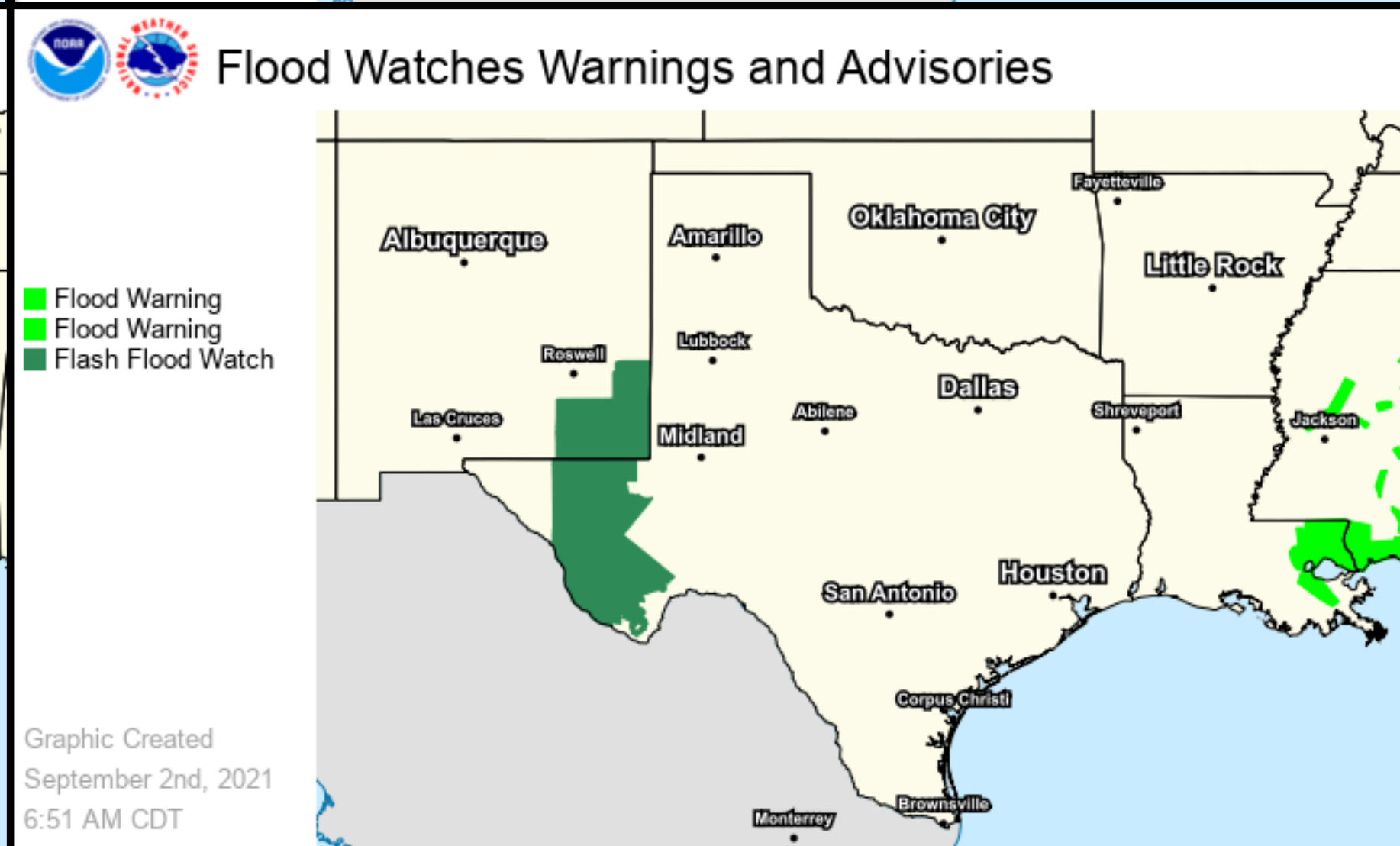
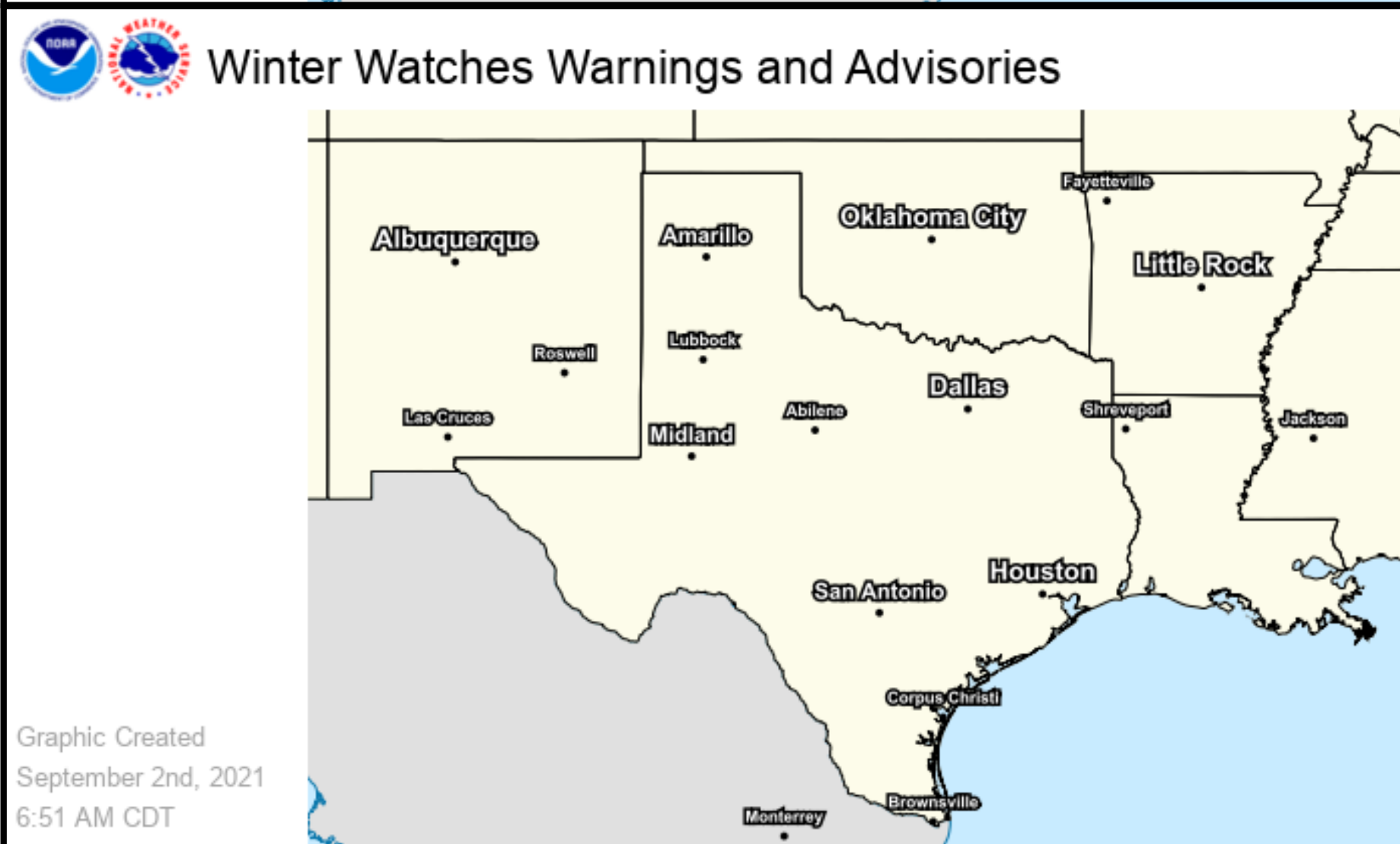
Wind, Severe, Winter, and Flood Hazards



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**Flash Flood Watches in effect
for portions of SE NM and
Far West TX.**

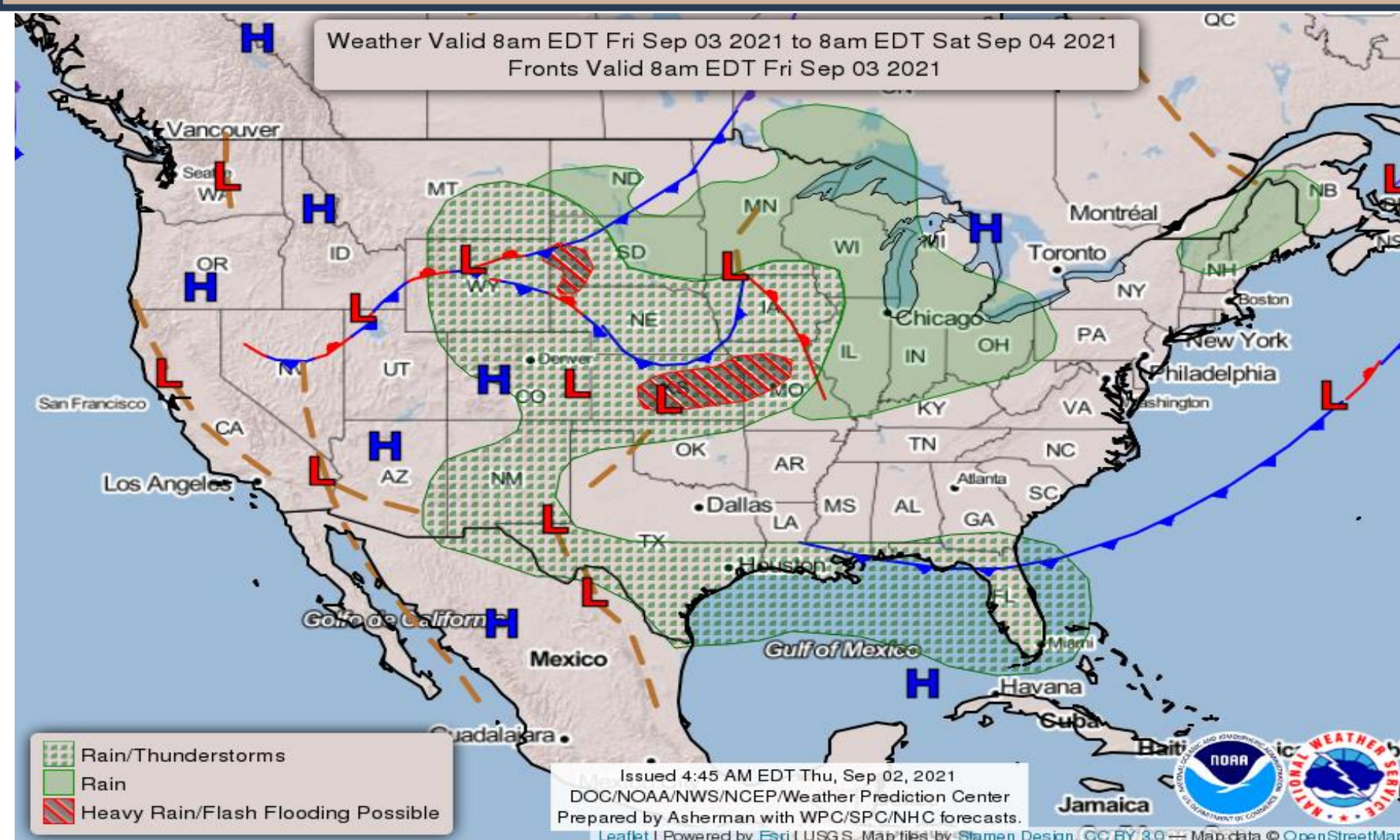


Tomorrow's Weather

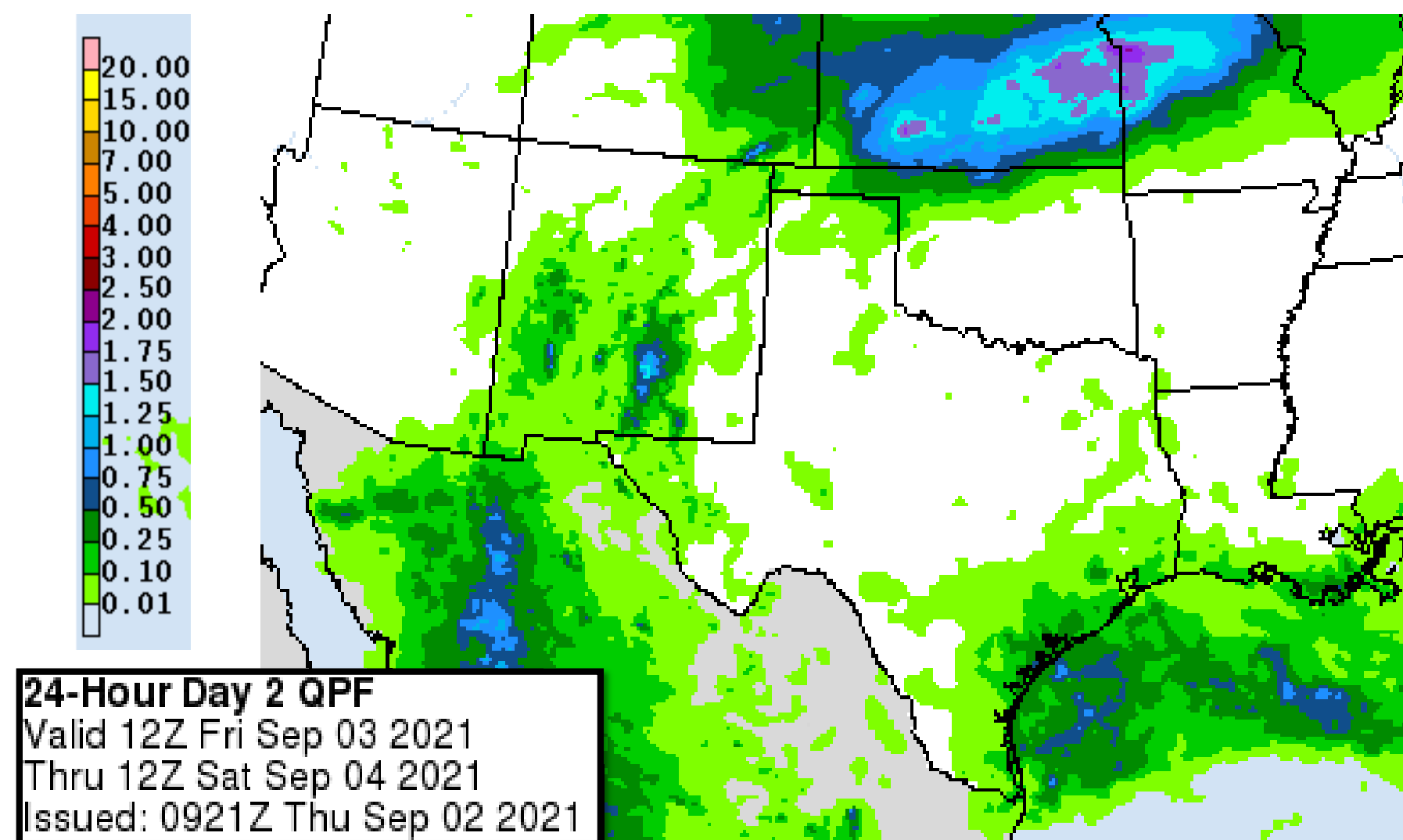


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Forecast Chart

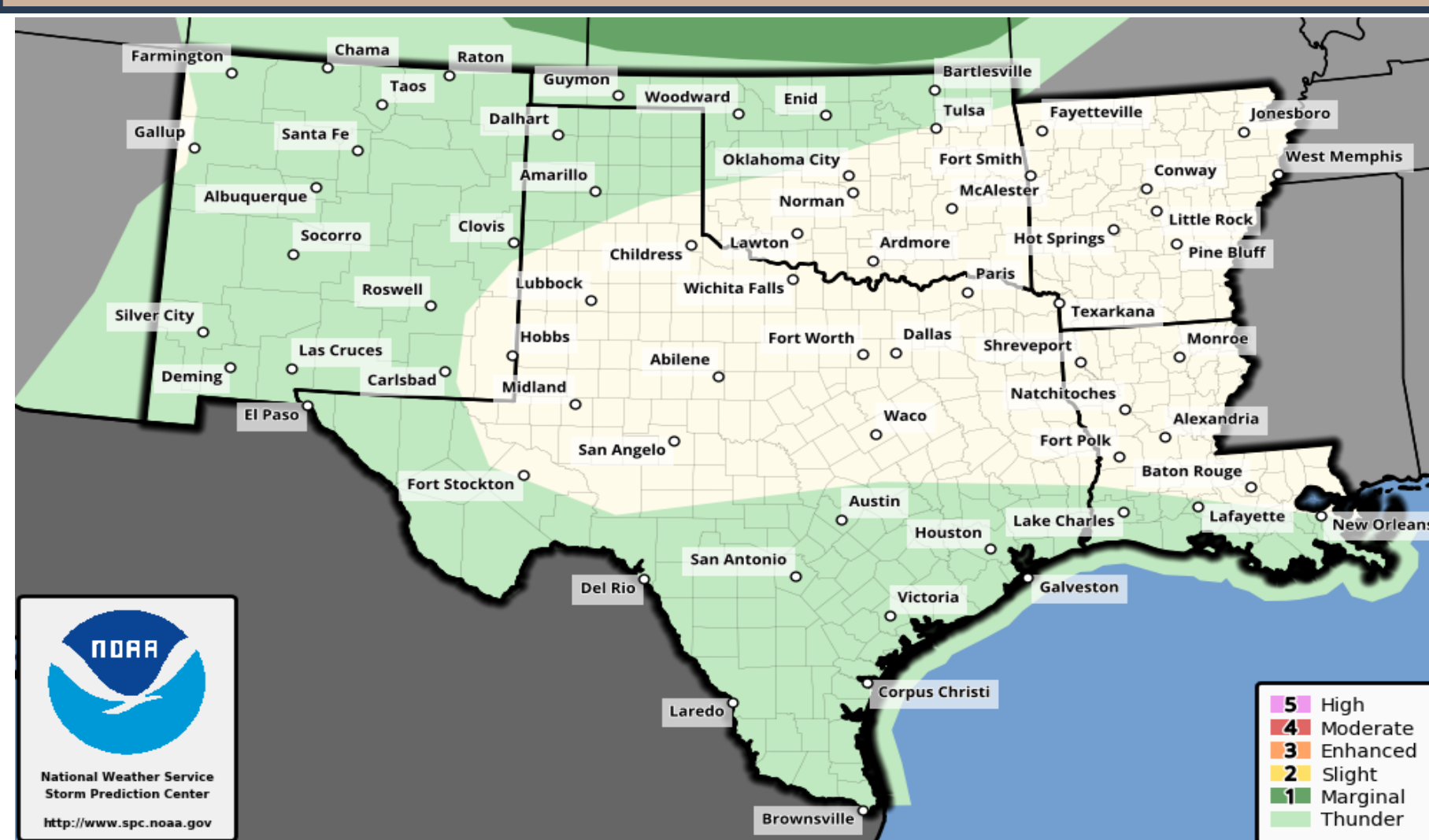


Forecast Rainfall

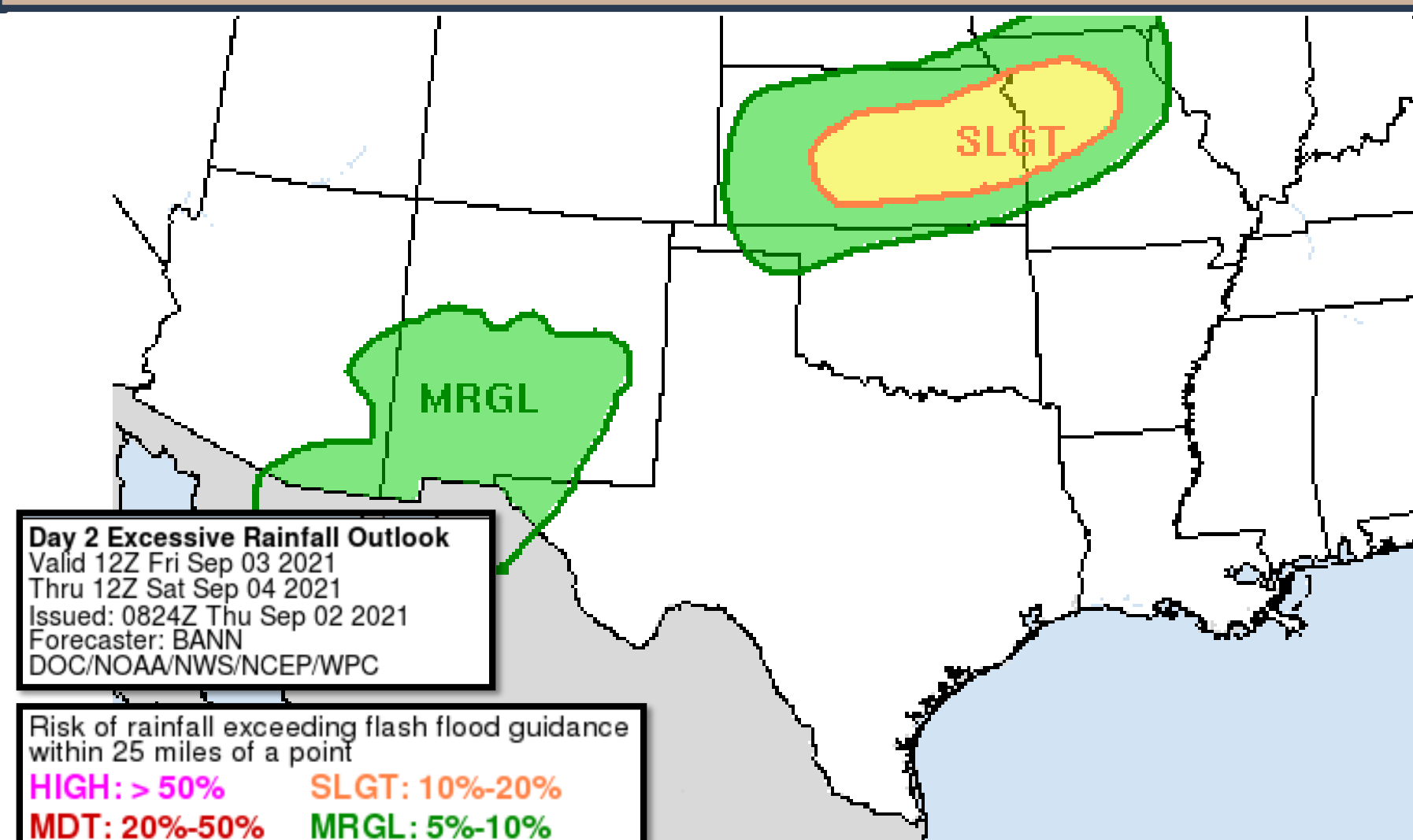


Isolated heavy rainfall and flash flood potential across central and southern NM and Far W TX as well as N OK.

Severe Weather Outlook

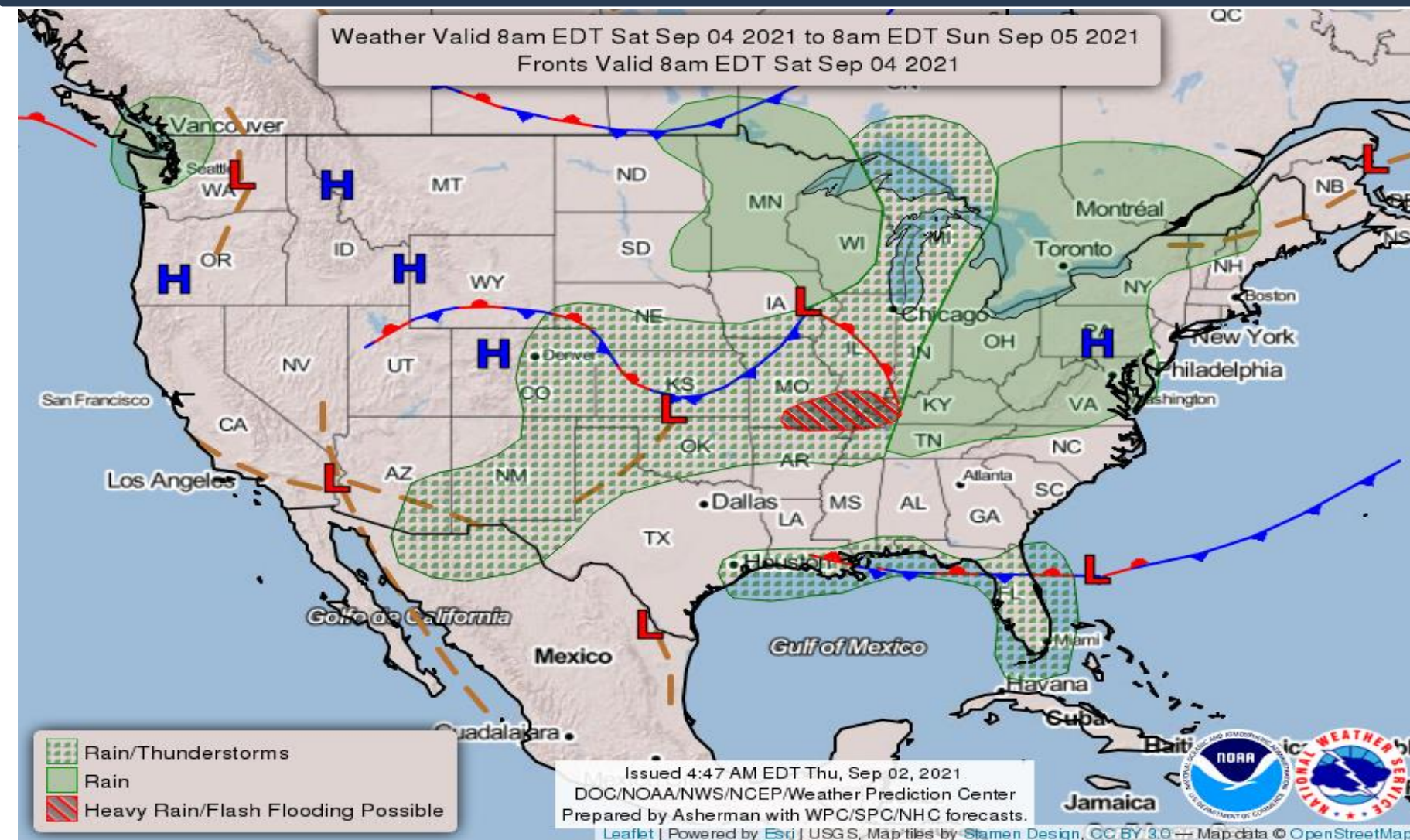


Excessive Rainfall Outlook

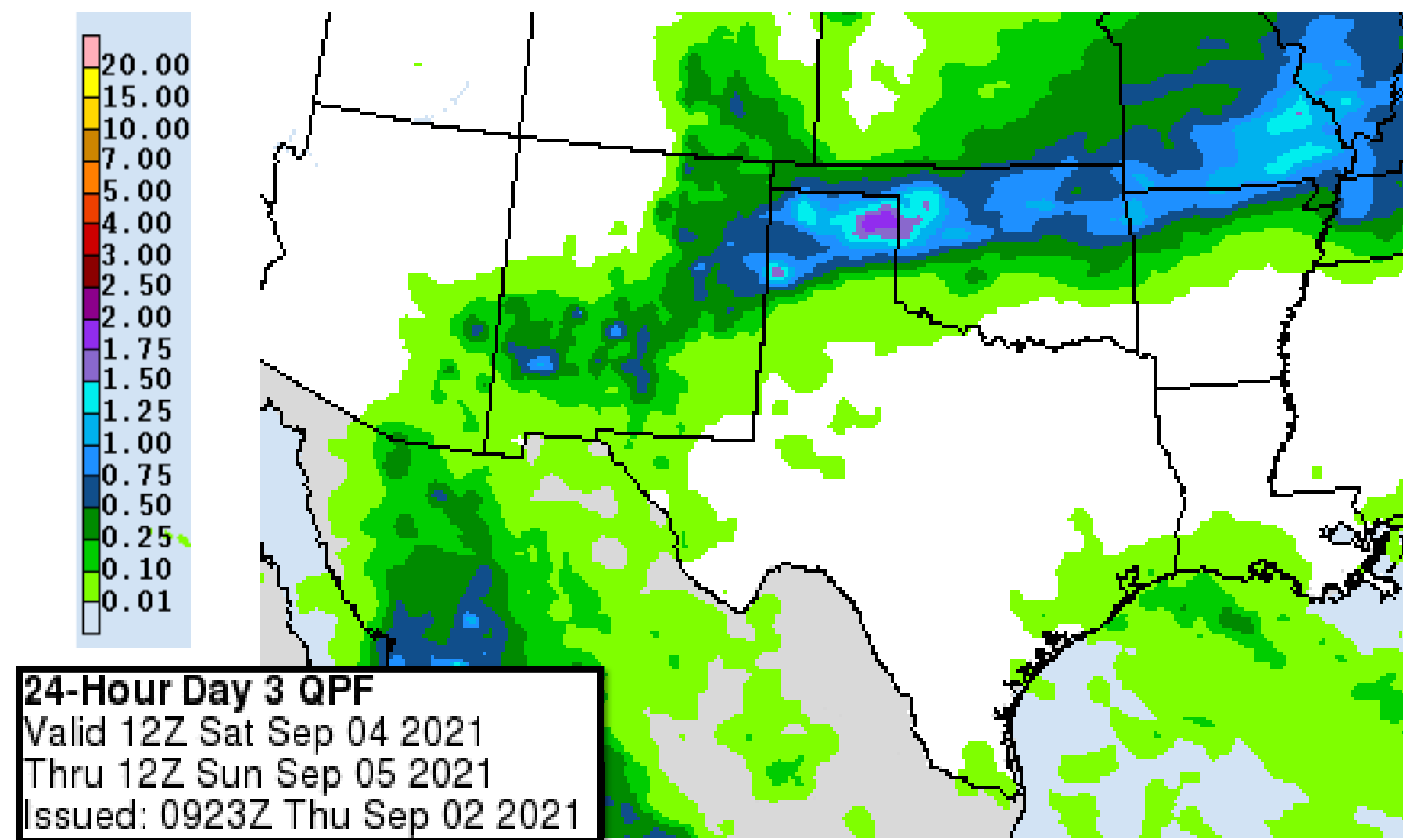


Saturday's Weather

Forecast Chart

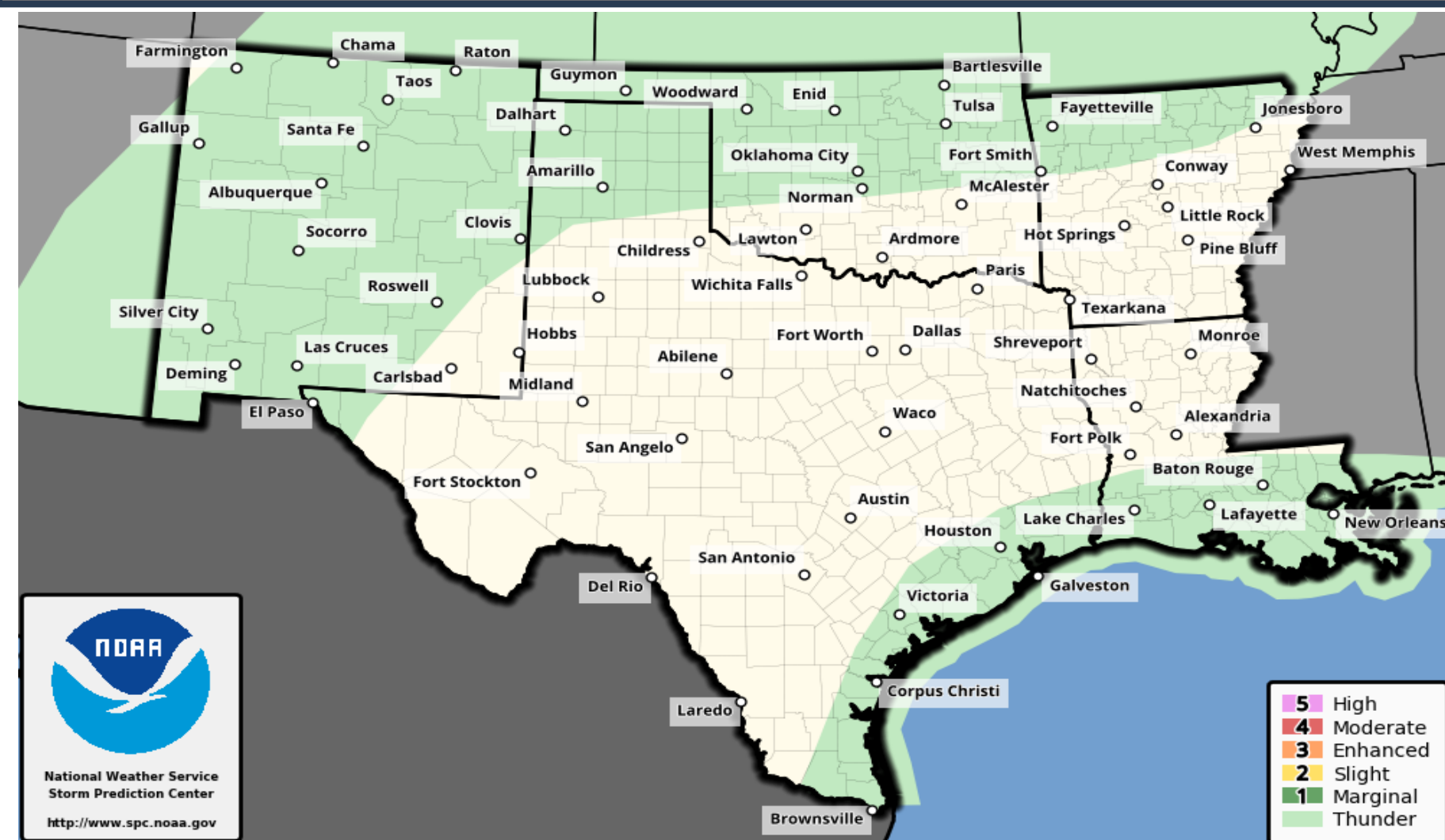


Forecast Rainfall

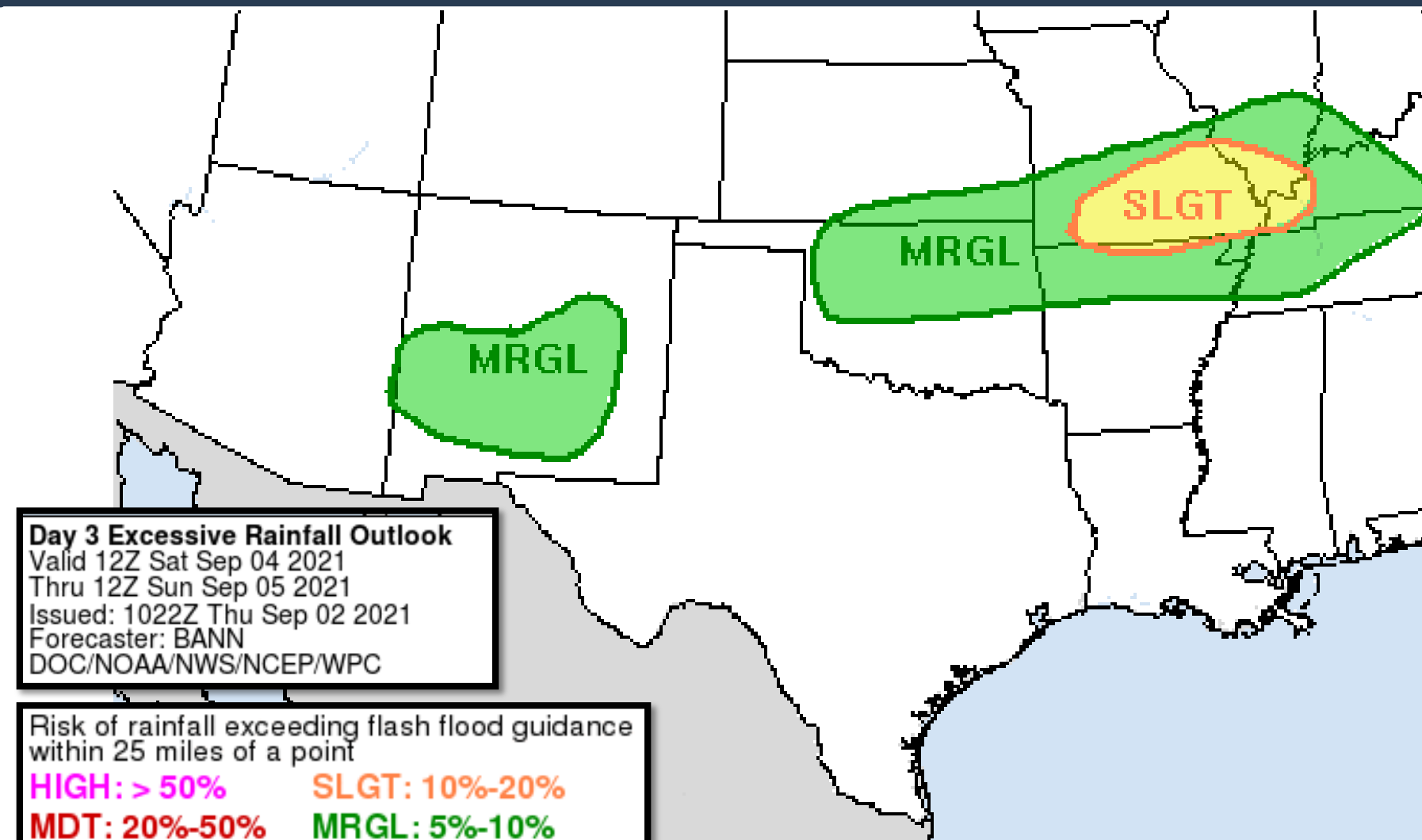


Isolated heavy rain and flash flood potential for portions of central and southern NM and for portions of OK into N AR.

Severe Weather Outlook



Excessive Rainfall Outlook



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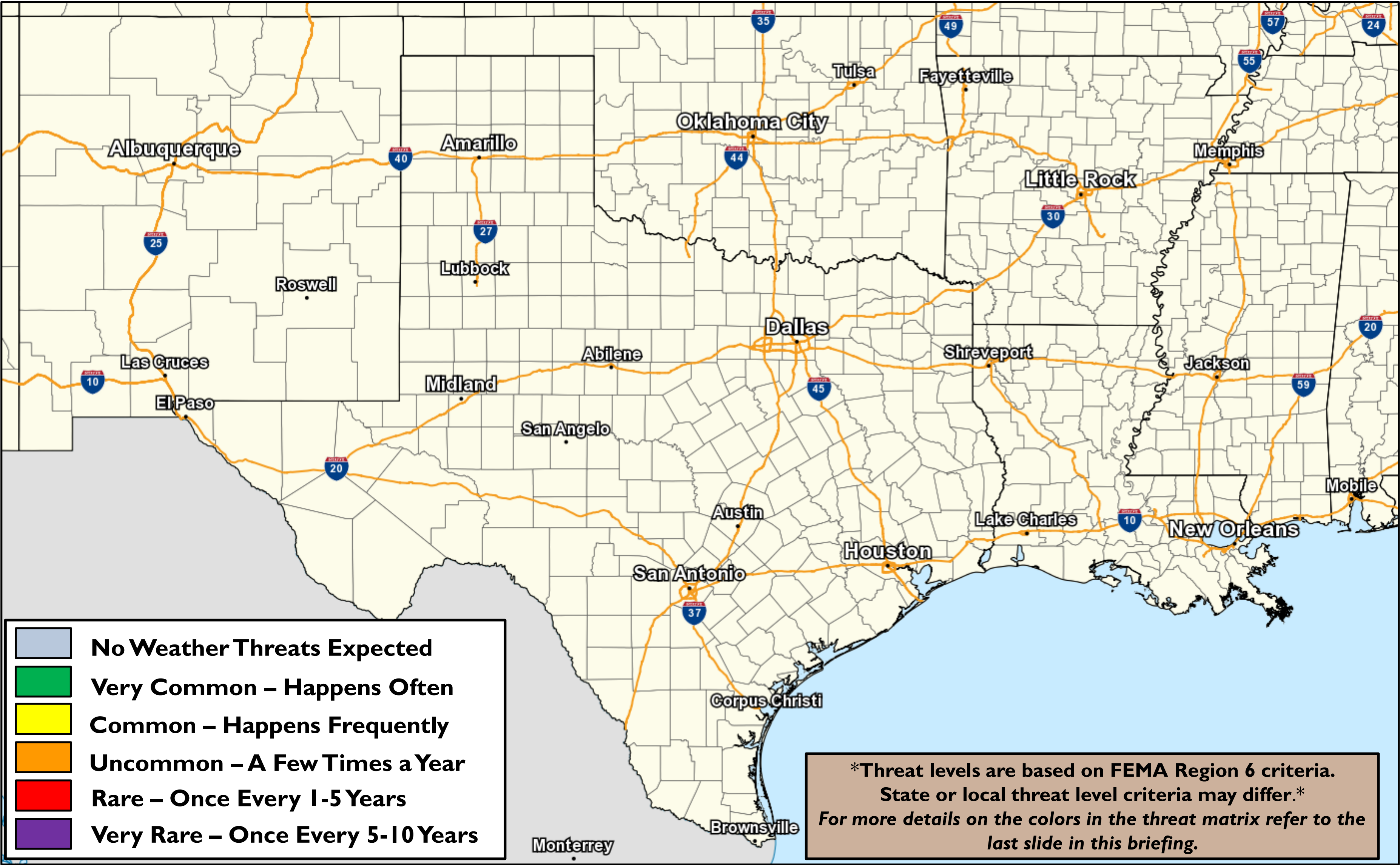
Days 4-5 Weather Hazards

Sunday - Monday



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No significant weather expected.

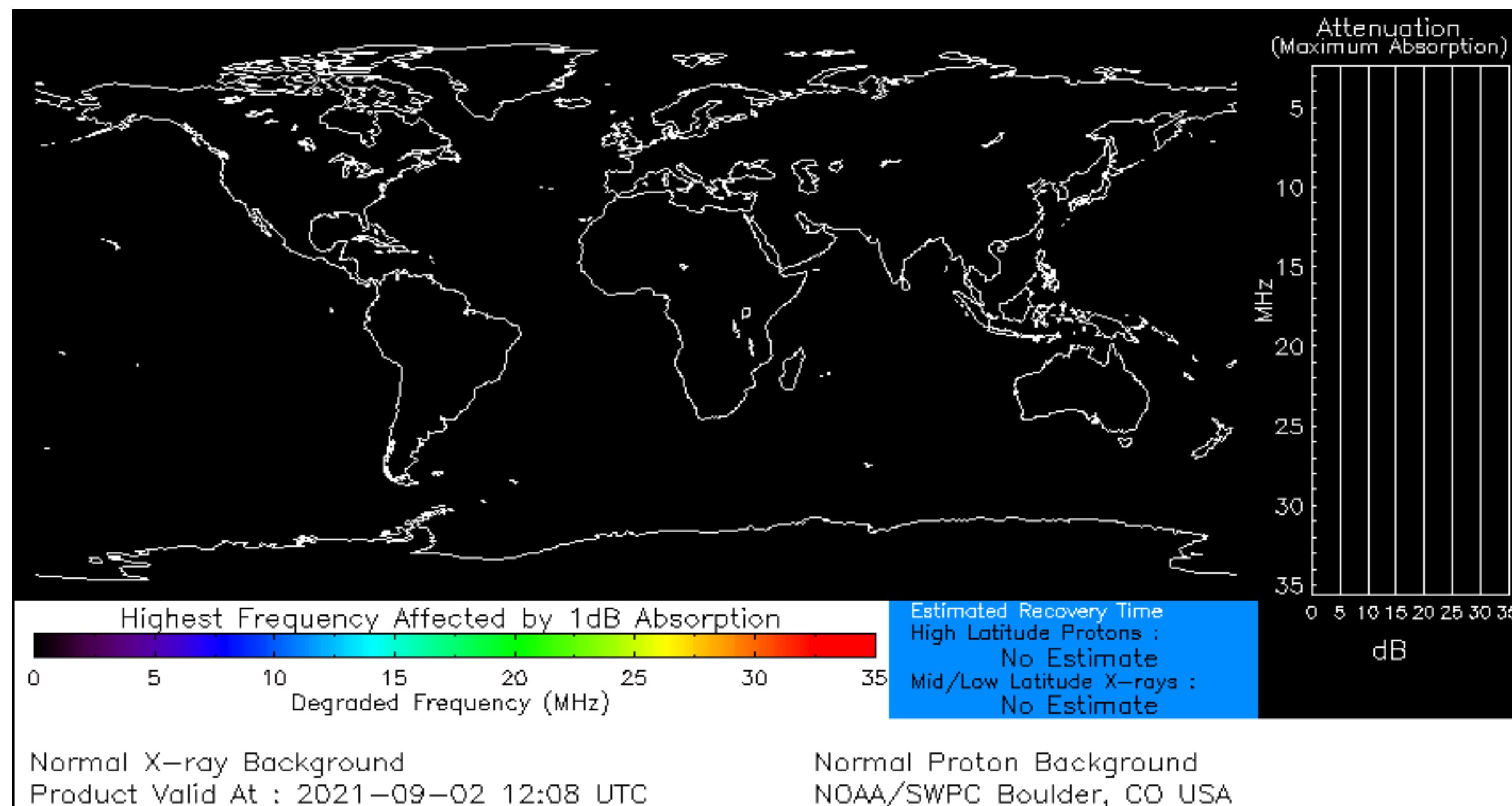


Space Weather 3-Day Forecast



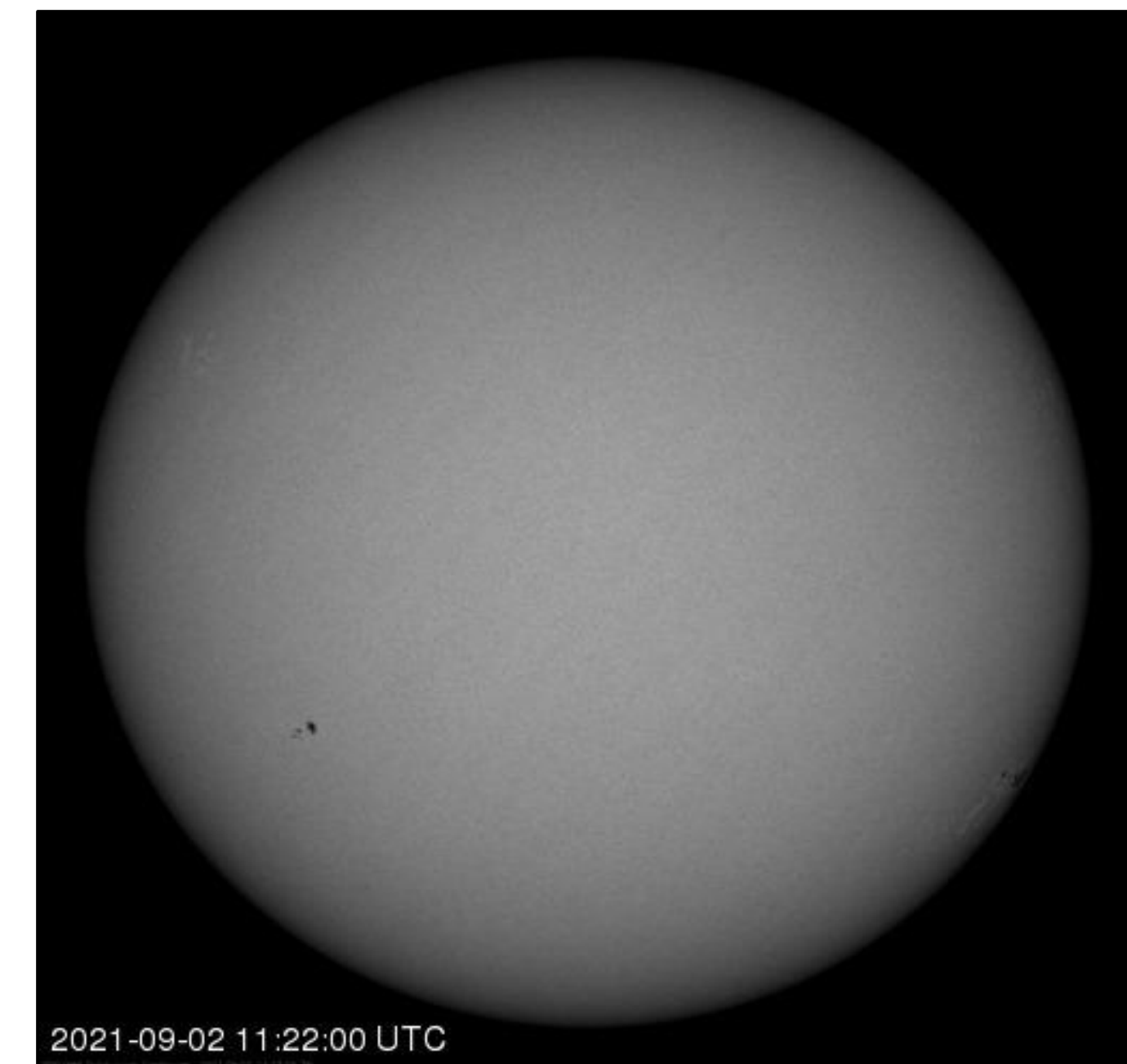
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	Thursday	Friday	Saturday
Geomagnetic Storms	Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





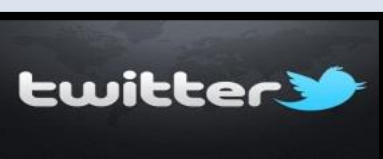
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov